

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Samuel Wei Li Examiner #: 79120 Date: 12-30-02
 Art Unit: 1653 Phone Number 306-3483 Serial Number: 09/976219
 Mail Box and Bldg/Room Location: 9B01/9D08 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need. MEJ

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please Search Formula I of Claim 1 (the Limitations are shown in the attached copy) as timely concerned.

Thanks.

Samuel

Samuel,

If this search needs to be modified, pls. contact me directly.

Beverly
 1E05
 8-4994

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 (STIC)

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: Beverly C 4994

NA Sequence (#) _____

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Searcher Phone #: _____

AA Sequence (#) _____

Dialog _____

Searcher Location: _____

Structure (#) _____

Questel/Orbit _____

Date Searcher Picked Up: _____

Bibliographic _____

Dr.Link _____

Date Completed: 01-08-03

Litigation _____

Lexis/Nexis _____

Searcher Prep & Review Time: _____

Fulltext _____

Sequence Systems _____

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Patent Family _____

WWW/Internet _____

Online Time: _____

Other _____

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WEST Search History

DATE: Monday, December 30, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L4	(cyclosporin same analog?) and MeLeu	26	L4
L3	L2 and MeLeu	3	L3
L2	(cyclosporin same analog?) and (pharmaceutical same carrier?)	105	L2
L1	5427960.pn.	2	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 26 of 26 returned.**☐ 1. Document ID: US 20020156125 A1

L4: Entry 1 of 26

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156125

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156125 A1

TITLE: Method and compositions for administering taxanes orally to human patients

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Broder, Samuel	Weston	FL	US	
Duchin, Kenneth L.	Fort Lauderdale	FL	US	
Selim, Sami	Irvine	CA	US	

US-CL-CURRENT: 514/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw Desc	Image
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☐ 2. Document ID: US 20020142946 A1

L4: Entry 2 of 26

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142946

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020142946 A1

TITLE: Cyclosporins for the treatment of respiratory diseases

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Or, Yat Sun	Cambridge	MA	US	
Lazarova, Tsvetelina	Brookline	MA	US	

US-CL-CURRENT: 514/9; 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw Desc	Image
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☐ 3. Document ID: US 20020058616 A1

L4: Entry 3 of 26

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058616

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020058616 A1

TITLE: Method, compositions and kits for increasing the oral bioavailability of pharmaceutical agents

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Broder, Samuel	Weston	FL	US	
Duchin, Kenneth L.	Fort Lauderdale	FL	US	
Selim, Sami	Irvine	CA	US	

US-CL-CURRENT: 514/9; 514/154, 514/254.07, 514/255.06, 514/263.31, 514/282, 514/283, 514/305, 514/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw Desc	Image
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☐ 4. Document ID: US 6444643 B1

L4: Entry 4 of 26

File: USPT

Sep 3, 2002

US-PAT-NO: 6444643
DOCUMENT-IDENTIFIER: US 6444643 B1

TITLE: Methods of using inhibitors of cyclophilin rotamase activity to affect neurological activity

DATE-ISSUED: September 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steiner; Joseph P.	Finksburg	MD		
Hamilton; Gregory S.	Catonsville	MD		
Snyder; Solomon H.	Baltimore	MD		

US-CL-CURRENT: 514/11; 514/12, 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 5. Document ID: US 6395770 B1

L4: Entry 5 of 26

File: USPT

May 28, 2002

US-PAT-NO: 6395770
DOCUMENT-IDENTIFIER: US 6395770 B1

TITLE: Method and compositions for administering taxanes orally to human patients

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broder; Samuel	Weston	FL		
Duchin; Kenneth L.	Fort Lauderdale	FL		
Selim; Sami	Irvine	CA		

US-CL-CURRENT: 514/449; 514/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6316405 B1

L4: Entry 6 of 26

File: USPT

Nov 13, 2001

US-PAT-NO: 6316405

DOCUMENT-IDENTIFIER: US 6316405 B1

TITLE: Cyclosporin a conjugates and uses therefor

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rich; Daniel H.	Madison	WI		
Solomon; Michael E.	Arlington	MA		

US-CL-CURRENT: 514/9; 435/7.1, 514/12, 514/14, 514/2, 530/317, 530/326, 530/327

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6270957 B1

L4: Entry 7 of 26

File: USPT

Aug 7, 2001

US-PAT-NO: 6270957

DOCUMENT-IDENTIFIER: US 6270957 B1

TITLE: Non-Immunosuppressive cyclosporins and their use in the prevention and treatment of HIV infection

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rich; Daniel H.	Madison	WI		
Solomon; Michael E.	Arlington	MA		

US-CL-CURRENT: 435/5; 424/278.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6245805 B1

L4: Entry 8 of 26

File: USPT

Jun 12, 2001

US-PAT-NO: 6245805
DOCUMENT-IDENTIFIER: US 6245805 B1

TITLE: Method, compositions and kits for increasing the oral bioavailability of pharmaceutical agents

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broder; Samuel	Weston	FL		
Duchin; Kenneth L.	Fort Lauderdale	FL		
Selim; Sami	Irvine	CA		

US-CL-CURRENT: 514/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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9. Document ID: US 5968972 A

L4: Entry 9 of 26

File: USPT

Oct 19, 1999

US-PAT-NO: 5968972
DOCUMENT-IDENTIFIER: US 5968972 A

TITLE: Method for increasing the oral bioactivity of pharmaceutical agents

DATE-ISSUED: October 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broder; Samuel	Fort Lauderdale	FL		
Duchin; Kenneth L.	Fort Lauderdale	FL		
Selim; Sami	Irvine	CA		

US-CL-CURRENT: 514/449; 514/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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10. Document ID: US 5948693 A

L4: Entry 10 of 26

File: USPT

Sep 7, 1999

US-PAT-NO: 5948693
DOCUMENT-IDENTIFIER: US 5948693 A

TITLE: Solid phase synthesis of immunosuppressive agents

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rich; Daniel H.	Madison	WI		
Raman; Prakash	Madison	WI		
Angell; Yvonne M.	Madison	WI		

US-CL-CURRENT: 436/518; 436/523, 530/317, 530/328, 530/333, 530/334, 530/335

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 11. Document ID: US 5750413 A

L4: Entry 11 of 26

File: USPT

May 12, 1998

US-PAT-NO: 5750413

DOCUMENT-IDENTIFIER: US 5750413 A

TITLE: Immunoassay reagents and method for determining cyclosporine

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morrison; Marjorie A.	Grayslake	IL		
Lunetta; Steven E.	Waukegan	IL		
Meucci; Victoria P.	Chicago	IL		
Zajac; Mariola B.	Chicago	IL		
Simpson; Elizabeth A.	Skokie	IL		

US-CL-CURRENT: 436/537; 436/546, 436/815

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 12. Document ID: US 5639852 A

L4: Entry 12 of 26

File: USPT

Jun 17, 1997

US-PAT-NO: 5639852

DOCUMENT-IDENTIFIER: US 5639852 A

TITLE: Immunostimulatory agents

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rich; Daniel H.	Madison	WI		
Malkovsky; Miroslav	Madison	WI		
Angell; Yvonne M.	Madison	WI		

US-CL-CURRENT: 530/317; 424/278.1, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 13. Document ID: US 5489668 A

L4: Entry 13 of 26

File: USPT

Feb 6, 1996

US-PAT-NO: 5489668

DOCUMENT-IDENTIFIER: US 5489668 A

TITLE: Immunoassay reagents and method for determining cyclosporine

DATE-ISSUED: February 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morrison; Marjorie A.	Grayslake	IL		
Lunetta; Steven E.	Waukegan	IL		
Meucci; Victoria P.	Chicago	IL		
Zajac; Mariola B.	Chicago	IL		
Simpson; Elizabeth A.	Skokie	IL		

US-CL-CURRENT: 530/321; 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 14. Document ID: US 5427960 A

L4: Entry 14 of 26

File: USPT

Jun 27, 1995

US-PAT-NO: 5427960

DOCUMENT-IDENTIFIER: US 5427960 A

TITLE: Fluorescence polarization assay for cyclosporin A and metabolites and related immunogens and antibodies

DATE-ISSUED: June 27, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Nai-Yi	Mundelein	IL		
Wang; Philip P.	Libertyville	IL		
Morrison; Marjorie A.	Grayslake	IL		

US-CL-CURRENT: 436/536; 436/501, 436/546, 436/805, 436/815, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 15. Document ID: US 5236899 A

L4: Entry 15 of 26

File: USPT

Aug 17, 1993

US-PAT-NO: 5236899

DOCUMENT-IDENTIFIER: US 5236899 A

TITLE: 6-position cyclosporin a analogs as modifiers of cytotoxic drug resistance

DATE-ISSUED: August 17, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Durette; Philippe L.	New Providence	NJ		

US-CL-CURRENT: 514/11; 514/885, 514/908, 514/922, 514/970, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 16. Document ID: US 5227467 A

L4: Entry 16 of 26

File: USPT

Jul 13, 1993

US-PAT-NO: 5227467

DOCUMENT-IDENTIFIER: US 5227467 A

TITLE: Immunosuppressive fluorinated cyclosporin analogs

DATE-ISSUED: July 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Durette; Philippe L.	New Providence	NJ		
Pessolano; Arsenio A.	Colonia	NJ		
Kollonitsch; Janos	Westfield	NJ		

US-CL-CURRENT: 530/321; 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 17. Document ID: US 5214130 A

L4: Entry 17 of 26

File: USPT

May 25, 1993

US-PAT-NO: 5214130

DOCUMENT-IDENTIFIER: US 5214130 A

TITLE: Synthesis of novel immunosuppressive cyclosporin analogs with modified amino acids at position-8

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Patchett; Arthur A.	Westfield	NJ		
Taub; David	Metuchen	NJ		
Goegelman; Robert T.	Linden	NJ		

US-CL-CURRENT: 530/333; 530/317, 530/334, 530/335

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 18. Document ID: US 5122511 A

L4: Entry 18 of 26

File: USPT

Jun 16, 1992

US-PAT-NO: 5122511

DOCUMENT-IDENTIFIER: US 5122511 A

TITLE: Immunosuppressive cyclosporin analogs with modified amino acids at position-8

DATE-ISSUED: June 16, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Patchett; Arthur A.	Westfield	NJ		
Taub; David	Metuchen	NJ		
Goegelman; Robert T.	Linden	NJ		

US-CL-CURRENT: 514/11; 530/317, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw. Desc	Image
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☐ 19. Document ID: US 4914188 A

L4: Entry 19 of 26

File: USPT

Apr 3, 1990

US-PAT-NO: 4914188

DOCUMENT-IDENTIFIER: US 4914188 A

TITLE: Novel 6-position cyclosporin analogs as non-immunosuppressive antagonists of cyclosporin binding to cyclophilin

DATE-ISSUED: April 3, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumont; Francis J.	Rahway	NJ		
Durette; Philippe L.	New Providence	NJ		
Pessolano; Arsenio A.	Colonia	NJ		
Boger; Joshua S.	Westfield	NJ		
Sigal; Nolan H.	Westfield	NJ		

US-CL-CURRENT: 530/317; 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw. Desc	Image
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☐ 20. Document ID: US 4885276 A

L4: Entry 20 of 26

File: USPT

Dec 5, 1989

US-PAT-NO: 4885276

DOCUMENT-IDENTIFIER: US 4885276 A

TITLE: Cyclosporin analogs with modified "C-9 amino acids"

DATE-ISSUED: December 5, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Witzel; Bruce E.	Westfield	NJ		

US-CL-CURRENT: 514/11; 530/317, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 21. Document ID: US 4798823 A

L4: Entry 21 of 26

File: USPT

Jan 17, 1989

US-PAT-NO: 4798823

DOCUMENT-IDENTIFIER: US 4798823 A

TITLE: New cyclosporin analogs with modified "C-9 amino acids"

DATE-ISSUED: January 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Witzel; Bruce E.	Westfield	NJ		

US-CL-CURRENT: 514/11; 530/317, 930/190, 930/20, 930/21, 930/270, 930/DIG.546

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 22. Document ID: US 4554351 A

L4: Entry 22 of 26

File: USPT

Nov 19, 1985

US-PAT-NO: 4554351

DOCUMENT-IDENTIFIER: US 4554351 A

TITLE: Method for the total synthesis of cyclosporins, novel cyclosporins and novel intermediates and methods for their production

DATE-ISSUED: November 19, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wenger; Roland	Riehen			CH

US-CL-CURRENT: 544/177; 546/216, 546/219, 560/163, 560/170, 562/567, 930/190, 930/20, 930/21, 930/270, 930/DIG.549, 930/DIG.782, 930/DIG.802, 930/DIG.803

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 23. Document ID: US 4396542 A

L4: Entry 23 of 26

File: USPT

Aug 2, 1983

US-PAT-NO: 4396542

DOCUMENT-IDENTIFIER: US 4396542 A

TITLE: Method for the total synthesis of cyclosporins, novel cyclosporins and novel intermediates and methods for their production

DATE-ISSUED: August 2, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wenger; Roland	Riehen			CH

US-CL-CURRENT: 530/321; 930/20, 930/21, 930/270, 930/DIG.546

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc	Image
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☐ 24. Document ID: WO 2069902 A2

L4: Entry 24 of 26

File: EPAB

Sep 12, 2002

PUB-NO: WO002069902A2

DOCUMENT-IDENTIFIER: WO 2069902 A2

TITLE: CYCLOSPORINS FOR THE TREATMENT OF RESPIRATORY DISEASES

PUBN-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
OR, YAT SUN	US
LAZAROVA, TSVETELINA	US
HAMANN, BLAKE CHRISTOPHER	US

INT-CL (IPC): A61 K 0/

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc	Image
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☐ 25. Document ID: WO 9910373 A1 AU 9889189 A US 6270957 B1

L4: Entry 25 of 26

File: DWPI

Mar 4, 1999

DERWENT-ACC-NO: 1999-204649

DERWENT-WEEK: 199917

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TITLE: Non-immunosuppressive cyclosporin analogs - with amino acid residue substitutions at positions 1, 3 or 7 of the cyclosporin peptide backbone, useful for treating HIV infections

INVENTOR: RICH, D H; SOLOMON, M E

PRIORITY-DATA: 1997US-057751P (August 26, 1997), 1999US-0242723 (February 22, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9910373 A1	March 4, 1999	E	177	C07K007/64
AU 9889189 A	March 16, 1999		000	C07K007/64
US 6270957 B1	August 7, 2001		000	C12Q001/70

INT-CL (IPC): A61 K 38/13; A61 K 45/00; C07 K 7/64; C12 Q 1/70

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Clip Img	Image
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☐ 26. Document ID: GB 2227244 A US 5227467 A

L4: Entry 26 of 26

File: DWPI

Jul 25, 1990

DERWENT-ACC-NO: 1990-226290

DERWENT-WEEK: 199030

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TITLE: New fluorinated cyclosporin analogues - having immunosuppressive activity used to treat auto-immune and chronic inflammatory diseases

INVENTOR: DURETTE, P L; KOLLONITSC, J ; RESSOLANO, A A ; WITZEL, B E ; KOLLONITSCH, J ; PESSOLANO, A A

PRIORITY-DATA: 1989US-0298712 (January 19, 1989), 1987US-0081255 (August 3, 1987), 1991US-0693783 (April 29, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB 2227244 A	July 25, 1990		000	
US 5227467 A	July 13, 1993		013	C07K007/64

INT-CL (IPC): A61K 37/02; C07K 7/64; C07K 99/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Term	Documents
CYCLOSPORIN.DWPI,TDBD,EPAB,USPT,PGPB.	5694
CYCLOSPORINS.DWPI,TDBD,EPAB,USPT,PGPB.	704
MELEU.DWPI,TDBD,EPAB,USPT,PGPB.	218
MELEUS.DWPI,TDBD,EPAB,USPT,PGPB.	4
ANALOG?	0
ANALOGA.DWPI,TDBD,EPAB,USPT,PGPB.	30
ANALOG.E.DWPI,TDBD,EPAB,USPT,PGPB.	91
ANALOG.L.DWPI,TDBD,EPAB,USPT,PGPB.	1
ANALOG.O.DWPI,TDBD,EPAB,USPT,PGPB.	5
ANALOG.R.DWPI,TDBD,EPAB,USPT,PGPB.	1
((CYCLOSPORIN SAME ANALOG?) AND MELEU).USPT,PGPB,EPAB,DWPI,TDBD.	26

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